



16805 U.S. PTO

PTO/SB/05 (2/98)

Please type a plus sign (+) inside this box ☐**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	TI-14146F.2
First Named Inventor or Application Identifier	Gary L. Swoboda
Title	Emulation Devices, Systems and Methods Utilizing State Machines
Express Mail Label No.	EV333321403US

On Page 1 of the specification, before line 1, insert -This application claims priority under 35 USC § 119(e)(1) of provisional application number \_\_\_\_\_ filed \_\_\_\_\_.

<b>APPLICATION ELEMENTS</b> See MPEP Chapter 600 concerning utility patent application contents		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)	6. <input type="checkbox"/> Microfiche Computer Program (Appendix)	31355 U.S. PTO 10771650	
2. <input checked="" type="checkbox"/> Specification (preferred arrangement set forth below) [Total Pages <b>158</b> ] - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identical of above copies		
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC d113) [Total Sheets <b>30</b> ]	4. Oath or Declaration [Total Pages <b>1</b> ] a. <input type="checkbox"/> Newly Executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR §1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below] i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §1.63(d)(2) and 1.33(b).	<b>ACCOMPANYING APPLICATION PARTS</b>	
5. <input checked="" type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	8. <input type="checkbox"/> Assignment Papers (cover sheet & Documents(s))	9. <input type="checkbox"/> 37 CFR §3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney	
	10. <input type="checkbox"/> English Translation Document (if applicable)	11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
	12. <input checked="" type="checkbox"/> Preliminary Amendment	13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
	14. <input type="checkbox"/> Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application (PTO/SB/09-12) Status still proper and desired	15. <input type="checkbox"/> Certified Copy of Priority Document(s) if foreign priority is claimed	
	16. <input type="checkbox"/> Other:	16. <input type="checkbox"/> Other:	
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment: <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: <b>09/431,802</b> . Prior application information: Examiner <u>P. Chung</u> Group / Art Unit: <u>2133</u>			
<b>18. CORRESPONDENCE ADDRESS</b>			
<input checked="" type="checkbox"/> Customer Number or Bar Code Label <b>23494</b> or <input type="checkbox"/> Correspondence address below (Insert Customer No. or Attach bar code label here)			
NAME			
ADDRESS			
CITY	STATE	ZIP CODE	
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		<b>972-917-5458</b>	<b>972-917-4418</b>
Name (Print/Type)		Registration No. (Attorney/Agent)	<b>29,043</b>
Signature		Date	<b>February 2, 2004</b>

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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16805 U.S. PTO  
020204

# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Express Mailing Label No.:

Complete if Known

Application Number div. of 09/431,802

Filing Date herewith

First Named Inventor Gary L. Swoboda

Examiner Name Of parent: P. Chung

Group Art Unit Of parent: 2133

Attorney Docket No. TI-14146F.2

TOTAL AMOUNT OF PAYMENT (\$ 770

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

20-0668

Deposit  
Account  
Name

Texas Instruments Incorporated

☐ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	205	65	Surcharge - late filing fee of oath	
1052	50	227	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	139	130	Non-English specification	
1812	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	112	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
1251	110	215	55	Extension for reply within first month	
1252	400	216	195	Extension for reply within second month	
1253	920	217	445	Extension for reply within third month	
1254	1,440	218	695	Extension for reply within fourth month	
1255	1,960	228	945	Extension for reply within fifth month	
1401	320	219	155	Notice of Appeal	
1402	320	220	155	Filing a brief in support of an appeal	
1403	280	221	135	Request for oral hearing	
1451	1,510	138	1,510	Petition to institute a public use proceeding	
1452	110	240	55	Petition to revive - unavoidable	
1453	1,280	241	620	Petition to revive - unintentional	
1501	1,280	242	620	Utility issue fee (or reissue)	
1502	460	243	220	Design issue fee	
1503	620	244	300	Plant issue fee	
1460	130	122	130	Petitions to the Commissioner	
1807	50	123	130	Petitions related to Prov'l Apps (Proc. Fee under 37 CFR 1.17(q))	
1806	180	126	180	Submission of information Disclosure Stmt	
8021	40	581	40	Recording each patent assignment per property (times no. of properties)	
1809	740	246	355	Filing a submission after final rejection (37 CFR §1.129(a))	
1810	740	249	355	For each additional invention to be examined (37 CFR §1.129(b))	
1801	740	279	355	Request for Continued Examination (RCE)	
1802	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	740	201	355	Utility filing fee	\$770
1002	330	208	160	Design filing fee	
1003	510	207	245	Plant filing fee	
1004	740	208	355	Reissue filing fee	
1005	160	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$770)

### 2. EXTRA CLAIM FEES

Extra Claims		Fee from below		Fee Paid	
Total Claims	1	-20**=	0	X 18	= 0
Independent Claims	1	-3**=	0	X 86	= 0
Multiple Dependent				X 270	= 0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	203	9	Claims in excess of 20
1201	84	202	40	Independent claims in excess of 3
1203	280	204	135	Multiple dependent claim, if not paid
1204	84	209	40	**Reissue independent claims over original patent
1205	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater. For Reissue, see above

SUBMITTED BY

Name (Print/Type)

Lawrence J. Bassuk

Signature

*Lawrence J. Bassuk*

Registration No.  
(Attorney/Agent)

29,043

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(972) 917-5458

Date

February 2, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of  
Gary L. Swoboda, et'al.

TI-14146F.2

Div. of Appl. No. 09/431,802

Prior Art Unit: 2133

Filed: herewith

Prior Examiner: P. Chung

Title: Emulation Devices, Systems and Methods Utilizing State  
Machines

**LETTER TO THE OFFICIAL DRAFTSPERSON**

February 2, 2004

Asst. Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

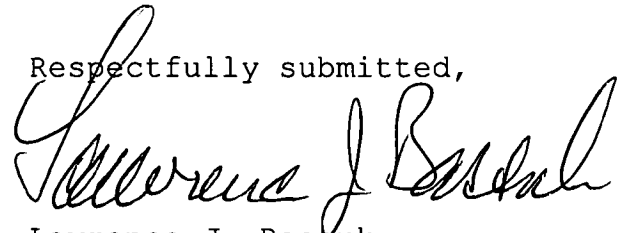
Dear Sir:

MAILING CERTIFICATE UNDER 37 C.F.R. §1.8(A)  
I hereby certify that the above correspondence is  
being deposited with the U.S. Postal Service as  
Express Mail airbill #EV333321403US in an envelope  
addressed to: Assistant Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450 on  
February 2, 2004.

Lawrence J. Bassuk, Reg. No. 29,043

Applicants submit 30 sheets (Figs. 1-44) of formal  
drawings for the above-identified patent application.

Respectfully submitted,



Lawrence J. Bassuk  
Reg. No. 29,043

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